



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ATTY. DOCKET NO. 71493-1044 (RAB:rdb)

2661#4  
S T  
07-10-03

In re Patent Application of Jianglei Ma, et al

Serial No. 10/038915

Group Art Unit: 2661

Filed: January 8, 2002

Examiner:

For: SYSTEM ACCESS AND SYNCHRONIZATION METHODS FOR MIMO OFDM  
COMMUNICATIONS SYSTEMS AND PHYSICAL LAYER PACKET AND PREAMBLE  
DESIGN

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**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b)

- (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

In accordance with 37 CFR 1.97(e), I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO-1449.

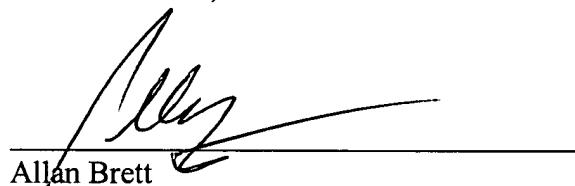
In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each United States and foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Respectfully submitted,  
JIANGLEI MA, ET AL



Allan Brett

Reg. No. 40,476

Smart & Biggar  
Box 2999, Station D  
55 Metcalfe Street, Suite 900  
Ottawa, Ontario  
Canada K1P 5Y6  
Telephone: (613) 232-2486  
Fax: (613) 232-8440

Encls.:      Form PTO-1449  
                  All references listed on Form PTO-1449  
                  PCT Search Report  
                  Acknowledgement Card

|  |                              |                      |
|--|------------------------------|----------------------|
| Form PTO-1449 (Modified)   | Atty. Docket No. 71493-1044  | Serial No. 10/038915 |
| <b>LIST OF PATENTS AND PUBLICATIONS<br/>FOR APPLICANT'S INFORMATION<br/>DISCLOSURE STATEMENT<br/>(Use several sheets if necessary)</b> | Applicant Jianglei Ma, et al |                      |
|  | Filing Date January 8, 2002  | Group 2661           |

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

**OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  |  |
|--|----|--|--|
|  | AE |  | I. Barhumi, G. Leus and M. Moonen, OPTIMAL TRAINING SEQUENCES FOR CHANNEL ESTIMATION IN MIMO OFDM SYSTEMS IN MOBILE WIRELESS CHANNELS, February 19, 2002, pages 1-6. |
|  | AF |  | Suhas Diggavi, Naofal Al-Dhahir, Anastasios Stamoulis, INTERCARRIER INTERFERENCE IN MIMO OFDM, April 28, 2002, pages 485-489.  |
|  |    |  |  |

EXAMINER

**DATE CONSIDERED**

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Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.